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# APC Anti-Mouse CD8b.2 Antibody[53-5.8]

Catalog Number: AN00564E

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Mouse Host Rat

**Isotype** Rat IgG1, κ **Clone No.** 53-5.8

Isotype Control APC Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822E]

Conjugation APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

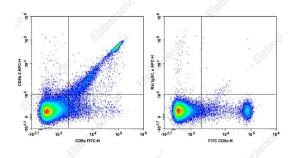
### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

#### Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD8a Antibody and APC Anti-Mouse CD8b.2 Antibody[53-5.8] (left) or APC Rat IgG1,  $\kappa$  Isotype Control (right). Total viable cells were used for analysis.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

 Alternate Names
 Lyt-3.2;Ly-3.2

 Uniprot ID
 P10300

 Gene ID
 12526

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

#### **Elabscience Bionovation Inc.**



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## **Background**

CD8b is the 32 kD  $\beta$  chain of CD8, also known as Lyt-3.2 or Ly-3.2. It is a member of the lg superfamily expressed as a heterodimer with the CD8 $\alpha$  chain on a subset of MHC class I-restricted T cells and most thymocytes. CD8 is a co-receptor for the TCR complex involved in T cell activation. The antibody 53-5.8 is specific for Ly-3.2 and has low reactivity with Ly-3.1.

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